

**Notice of Allowability**

Application No.

10/067,244

Applicant(s)

JESSEP ET AL.

Examiner

Sun J. Lin

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**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Amendments & Remarks filed on 02/04/2005.
2. ☒ The allowed claim(s) is/are 1-63.
3. ☒ The drawings filed on 02/04/2005 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  6. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |   |  |
|---|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892)  | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)            |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                | 6. <input type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),<br>Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment                    |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material          | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance   |
|   | 9. <input type="checkbox"/> Other _____  |

**Examiner's Amendment**

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Applicants' attorney Ann M. McCrackin gave authorization for this examiner's amendment on April 13, 2005. The application has been amended as follows:

Claim 2, line 5, after "rigid" insert ~~—one-piece—~~.  
Claim 3, line 3, after "rigid" insert ~~—one-piece—~~.  
Claim 10, line 5, after "rigid" insert ~~—one-piece—~~.  
Claim 11, line 3, after "rigid" insert ~~—one-piece—~~.  
Claim 18, line 4, after "rigid" insert ~~—one-piece—~~.  
Claim 19, line 3, after "rigid" insert ~~—one-piece—~~.  
Claim 26, line 4, after "rigid" insert ~~—one-piece—~~.  
Claim 27, line 3, after "rigid" insert ~~—one-piece—~~.  
Claim 34, line 4, after "rigid" insert ~~—one-piece—~~.  
Claim 35, line 3, after "rigid" insert ~~—one-piece—~~.  
Claim 41, line 4, after "rigid" insert ~~—one-piece—~~.  
Claim 41, line 7, after "rigid" insert ~~—one-piece—~~.  
Claim 41, line 9, after "rigid" insert ~~—one-piece—~~.  
Claim 45, line 6, after "rigid" insert ~~—one-piece—~~.  
Claim 45, line 9, after "rigid" insert ~~—one-piece—~~.  
Claim 45, line 12, after "rigid" insert ~~—one-piece—~~.  
Claim 49, line 6, after "rigid" insert ~~—one-piece—~~.  
Claim 49, line 9, after "rigid" insert ~~—one-piece—~~.  
Claim 49, line 12, after "rigid" insert ~~—one-piece—~~.  
Claim 53, line 5, after "rigid" insert ~~—one-piece—~~.  
Claim 53, line 7, after "rigid" insert ~~—one-piece—~~.  
Claim 53, line 9, after "rigid" insert ~~—one-piece—~~.  
Claim 57, line 9, after "rigid" insert ~~—one-piece—~~.  
Claim 57, line 10, after "rigid" insert ~~—one-piece—~~.  
Claim 57, line 12, after "rigid" insert ~~—one-piece—~~.  
Claim 61, line 4, after "rigid" insert ~~—one-piece—~~.  
Claim 61, line 9, after "rigid" insert ~~—one-piece—~~.

**Reasons for Allowance**

Claims 1 – 63 are allowed over the prior art of record. An examiner's statement of reasons for allowance is given in the following:

Claims 1 – 63 are allowed because the prior art or record does not teach or fairly suggest the following subject matter:

- A standoff/electrical device comprising a *standoff device arrangement that comprises a plurality of rigid one-piece standoff pins (i.e., each standoff pin requires no mounting screw) for providing a standoff distance between electrical components mounted together with opposing conductive grid array patterns and an electrical function structure to provide a predetermined electrical function to at least of one of the electrical components as recited in independent Claim 1, Claim 41 and Claim 61;*
- Mounted components comprising a *standoff device that comprises a plurality of rigid one-piece standoff pins (i.e., each standoff pin requires no mounting screw) for providing a standoff distance between electrical components mounted together with opposing conductive grid array patterns and an electrical function structure to provide a predetermined electrical function to at least of one of the electrical components as recited in independent Claim 9 and Claim 45;*
- A component-mounting method comprising interposing a *standoff device that comprises a plurality of rigid one-piece standoff pins (i.e., each standoff pin requires no mounting screw) for providing a standoff distance between electrical components mounted together with opposing conductive grid array patterns and providing an electrical function structure to provide a predetermined electrical function to at least of one of the electrical components as recited in independent Claim 17 and Claim 49;*
- A standoff/electrical device comprising a *standoff member that comprises a plurality of rigid one-piece standoff pins (i.e., each standoff pin requires no mounting screw) for providing a standoff distance between electrical components mounted together with opposing conductive grid array patterns and has an electrical path electrically connectable to at least of one of the electrical components as recited in independent Claim 25 and Claim 53;*
- Mounted components comprising a *standoff/electrical device including a standoff member that comprises a plurality of rigid one-piece standoff pins (i.e., each*

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*standoff pin requires no mounting screw) for providing a standoff distance between electrical components mounted together with opposing conductive grid array patterns and has an electrical path electrically connectable to at least of one of the electrical components as recited in independent Claim 33 and Claim 57.*

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance".

### **Conclusion**

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sun J. Lin whose telephone number is (571) 272 – 1899. The examiner can normally be reached on Monday to Friday from 9:30am to 6:30pm.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-1782.

Sun J. Lin  
Patent Examiner  
Art Unit 2825  
April 14, 2005

STACY A. WHITMORE  
PRIMARY EXAMINER

